

Notice of Allowability	Application No.	Applicant(s)
	10/019,310	ITO ET AL.
	Examiner Kimnhung Nguyen	Art Unit 2677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to Amendment filed on 12/21/05.
2. The allowed claim(s) is/are 1-11.
3. The drawings filed on 09 January 2002 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.



ALEXANDER EISEN
PRIMARY EXAMINER

DETAILED ACTION

This Application has been examined. The claims 1-11 are pending. The examination results are as following.

Reasons For Allowance

1. The following is an examiner's statement of reasons for allowance: The present invention is directed to a method for driving a display panel, in which a common electrode and a discrete electrode are connected to one of plural display cells arranged in a matrix form, the method comprising the steps of: supplying the common electrode with a reset pulse opposite in polarity to a display pulse, the reset pulse for inversion of charges stored on the common electrode. The combination of the closest prior art, Sasaki et al. US 6,281,863), Tottori (US 4001,636), Armoto (EP 0991051) show a similar system. However, they fail to teach the supplying the common electrode with a first single-step pulse of the same polarity as the display pulse as claim 1; or transferring data, for controlling a period of the gaseous discharge in the one of plural display cells, to a drive circuit of the discrete electrode substantially when no voltage is applied to the common electrode as claim 5; or controlling a period of the gaseous discharge in the one of plural display cells by controlling a period in which to apply the display pulse to the common electrode and in which to apply a discharge suppression pulse to the discrete electrode as claims 7 and 9.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on (571) 272-7603. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimnhung Nguyen
July 12, 2005



ALEXANDER EISEN
PRIMARY EXAMINER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Atsushi ITO, et al.

SERIAL NO.: 10/019,310

GAU: 2674

FILED: January 9, 2002

EXAMINER: Nguyen, Kimhung

FOR: DISPLAY PANEL DRIVING METHOD

LETTER SUBMITTING REPLACEMENT DRAWING SHEET(S)

COMMISSIONER FOR PATENTS

Alexandria, VA 22313

SIR:

Responsive to the below indicated communication, the following drawing sheets are submitted herewith:

1 Replacement Drawing Sheets
 Official Action dated September 21, 2004
 Notice of Allowance/Issue Fee dated _____
 Other dated _____

_____ New Drawing Sheets

RECEIVED

DEC 23 2004

Technology Center 2600

The changes and/or modifications made include the following:

The replacement drawing sheets are submitted to meet the U.S. Patent and Trademark Office requirement.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
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Approved by Examiner.

KN
7/12/05

DEC 21 2004

FIG.18 (BACKGROUND ART)

DISPLAY PULSE

RESET PULSE

DISPLAY PULSE TO
COMMON ELECTRODE

DISCHARGE
WAVEFORM

DISCRETE ELECTRODE
CONTROL VOLTAGE

FIG.19 (BACKGROUND ART)

DISPLAY PULSE

RESET PULSE

DISPLAY PULSE TO
COMMON ELECTRODE

(1) (2) (3) (4) (5) (6)

